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Form PTO 1449 (Modified)								
		ERENCES CITED BY APPLICANT all Sheets if Necessary)		APPLICANT Lloyd Wolfinbarger, Jr.				
,			FILING DATE GROUP May 7, 1996 To be			assigned		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING IF APPR	DATE OPRIATE
DB	AA	4,020,183	04/26/77	Asculai <i>et al.</i>	424	341	12/03/74	
013	AB	4,169,123	09/25/79	Moore <i>et al.</i>	422	29	09/26/77	,
DB	AC	4,207,689	06/17/80	Romera-Sierra <i>et al.</i>	35	20	07/31/78	}
DO	AD	4,258,722	03/31/81	Sessions <i>et al.</i>	128	753	12/15/78	<b>,</b>
DC	AE	4,315,919	02/16/82	Shanbrom	424	177	10/16/80	)
OB.	AF	4,366,822	01/04/83	Altshuler	128	752	12/03/79	)
pro	AG	4,412,985	11/01/83	Shanbrom	424	78	01/04/82	
m	АН	4,456,589	06/26/84	Holman <i>et al.</i>	424	95	07/08/92	!
Des	AI	4,526,751	07/02/85	Gartner	422	37	12/09/83	
OB	AJ	4,553,974	11/19/85	Dewajnee	8	94.11	08/14/84	,
or or	AK	4,637,931	01/20/87	Schmitz	424	78	10/09/84	·
	<b></b>	F	OREIGN PATE	NT DOCUMENTS			<del></del>	. ,
		DOCUMENT NUMBER	DATE	COUNTRY TRANSLATION YES NO				
DIS	AL	952189	08/28/82	U.S.S.R.			,	
<u> </u>	AM	964545	07/22/64	United Kingdom				
	AN		ļ					
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	1	OTHER REFERENCES (Includ	ing Author,	Title, Date, Pertinent Pa	ges, Etc.)		<del></del>	
	AR	Sattar <i>et al.</i> , "Survival and I Review", RID 1991; 13 (May-Jun	Disinfectan ), pp. 430-	t Inactivation of the Huma 447.	n Immunode	ficiency \	/irus: A C	ritical
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QM	AS	Exact. excerpts from "Product of Documentation", by EXOXEMIS, In			plication	& Supporti	ing	
		,	<u>-</u>			_		
ζ')	AT <sup>2</sup>	Klebanoff et al., "Virucidal Activity of H202-generating Bacteria; Requirement for Peroxidase and Halide", Dept. of Medicine, University of Washington School of Medicine, Seattle, Washington, Sep. 24, 1973.						nd p. 24,
		<u></u>	_		Т			
EXAMINER BLACK DATE CONSIDERED 6/26/97						77		
*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								



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Form PTO 1449 (Modified)	· · · · · · · · · · · · · · · · · · ·			ATTY. BOUNETAND DEFICE. 152-116P-SHE TENDER		SERIAL NO. 08/646,520		
l ·				APPLICANT Lloyd Wolfinbarger, Jr.				
			FILING DATE May 7, 1996		GROUP To be assigned			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS SUB		FILING DATE IF APPROPRIATE	
03	AA	4,678,470	07/07/87	Nashef <i>et al.</i>	623	16	05/28/85	
pro	АВ	4,695/536	09/22/87	Lindstrom <i>et al.</i>	435	1	01/10/84	
DB.	AC	4,801,299	01/31/89	Brendel <i>et al</i> .	623	1	02/22/84	
()m	AD	4,891,221	01/02/90	Shanbrom	424	101	12/28/88	
00	AE	4,923,677	05/08/90	Simon <i>et al.</i>	422	37	08/07/85	
OB	AF	4,946,792	08/07/90	O'Leary	435	268	08/18/89	
m	AG	4,975,526	12/04/90	Kuberasampath <i>et al.</i>	530	350	10/17/89	
m	АН	4,994,030	02/19/91	Glowczewskie <i>et al.</i>	604	84	06/28/88	
nm	ΑI	5,037,437	08/06/91	Matsen, III	623	16	01/18/90	
DB	AJ	5,041,055	08/20/91	Roth	452	140	06/21/89	
Dry	AK	5,047,030	09/10/91	Draenert	606	65 06/20/91		
		F	OREIGN PATE	NT DOCUMENTS				
		DOCUMENT NUMBER	DATE	COUNTRY TRANSLATION YES NO				
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	AP							
	Τ	OTHER REFERENCES (Includ	ing Author,	Title, Date, Pertinent Pag	es, Etc.)			
DB	AR 🎤	"DMIN Asceptic Tissue Demineralization", a product brochure from Osteotech, Inc. 1993.						
PB	AS	"Maximum Security for You and Your Patent", a product brochure regarding VIP Bone, from Cryolife, Inc., Feb. 12, 1992.						
DO	AT	"The Virucidal Capacity of a Surfactant/Iodophor-Based Viral Inactivation Process for Bone Allografts", a report of studies designed and funded by Cryolife, Inc., undated						
EXAMINER	EXAMINER BLANCES				DATE CONSIDERED 6/26/99			
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OF \_\_\_\_5 ATTA DOCKET NO. 152 TOP-SHK (CIPAL MARK OF Form PTO 1449 U.S. DEPARTMENT OF COMMERCE SERIAL NO. (Modified) PATENT AND TRADEMARK OFFICE 08/646,520 **APPLICANT** LIST OF REFERENCES CITED BY APPLICANT Lloyd Wolfinbarger, Jr. (Use Several Sheets if Necessary) FILING DATE GROUP May 7, 1996 To be assigned **EXAMINER** DOCUMENT NUMBER DATE NAME CLASS SUR FILING DATE INITIAL **CLASS** IF APPROPRIATE AA 5,106,626 04/21/92 Parsons et al. 424 423 10/04/89 AB 5,118,512 06/02/92 424 549 O'Leary et al. 01/23/90 AC 5,120,656 06/09/92 435 O"Leary et al. 268 08/03/90 AD 5,133,756 07/28/92 Bauer et al. 623 16 08/09/88 ΑE 5,167,961 12/01/92 424 Lussi et al. 423 06/02/89 5,186,945 ΑF 02/16/93 Shanbrom 424 529 11/07/89 AG 5,192,282 03/09/93 Draenert 606 65 09/09/91 ΑH 5,333,626 08/02/94 Morse et al. 48 12/31/91 ΑI 5,454,815 10/03/95 Geisser et al. 606 85 08/22/94 DB2 5,513,662 AJ 05/07/96 Morse *et al.* 128 898 01/21/94 AK FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY TRANSLATION YES AL. AM AN ΑO ΑP OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) Withrow et al., "Evaluation of the Antiretroviral Effect of Various Methods of Sterilization/Preserving Cortiocancellous Bone", presented at the 36th Annual Meeting, Orthopaedic Research Society, Feb 5-8, 1990, New Orleans, Louisianna, Transactions of the Orthopaedic Research Society, 16, 1990, pp. 226. Garrison et al., "Comparison of Bacterial Contination of Cadaveric Bone Allograft Collected Under Operating Room and Morgue Condition with and without the use of Decontaminating Process", presented at the Second Congress of the European Association of Tissue Bank, Athena, Greece, May 1993. Morse, "A New Surfactant/Iodophor-Based Viral Inactivation Process (VIP) for Preparation of Bone Allografts", presented at the 16th Annual Meeting of the American Association of Tissue Banks, San Diego, Aug. 1992. AS ΑT

\*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with part communication to considered.

**EXAMINER** 

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Form PTO 1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. SERIAL NO. (Modified) PATENT AND TRADEMARK OFFICE 152-116P-SHK (CIP) 08/646,520 APPLICANT LIST OF REFERENCES CITED BY APPLICANT Lloyd Wolfinbarger, Jr. (Use Several Sheets if Necessary) FILING DATE **GROUP** May 7, 1996 To be assigned **EXAMINER** OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) INITIAL "Improve Performance of Your Immunoassay Systems and Immunodiagnostics Kits", a product brochure by Q P Medicine & Applied Sciences, Inc., undated. "Viral Inactivation Agent for Blood Samples", an article referring to an Oct. 1990 issue of American AV\_ Clinical Laboratory entitled an Antiviral Agent for General Use in Biological Samples. DO Virginia Tissue Bank Procedure Manual, Section 5.9.4.5, Copyright registered on Aug. 6, 1986. AW Buck et al., "Human Immunodeficiency Virus Cultured From Bone. Implications for Transplantation", ΑX Clinical Orthopaedics and Related Research, No. 251, 1990. Navy Tissue Bank, Tissue Bank Coordinator Manual 10. "Procurement of Deep Tissues and AY Bones", p. 9. (undated) Shutkin, "Homologous-Serum Hepatitis following the Use of Refrigerated Bone-Bank Bone", The Journal of ΑZ Bone and Joint Surgery, vol. 16-1, No. 1, 1954. Hyatt et al., "Bone Grafting. The Procurement, Storage, and Clinical Use of Bone Homografts", The AAA American Academy of Orthopaedic Surgeons, Ann Arbor, U.S.A., 1957. "Transmission of HIV through Bone Transplantation: Case Report and Public Health Recommendations", ()M AAB Morbidity and Mortality Weekly Report, vol. 37, No. 39, 1988. 000 Kakaiya et al., "Tissue Transplant-Transmitted Infections", Transfusion, vol. 31, No. 3, 1991. AAC « Tomford et al., "A Study of the Clinical Incidence of Infections in the Use of Banked Allograft Bone", לע AAD The Journal of Bone and Joint Surgery, vol. 63-A, No. 2, 1981. Furlini et al., "Antibody Response to Human Immunodeficiency Virus after Infected Bone Marrow AAE Jransplant", Eur. J. Clin, Microbiol. Infect. Dist., vol. 7, 1988. Lord et al., "Infection in Bone Allografts. Incidence, Nature, and Treatment", The Journal of Bone and DO AAF Joint Surgery, vol. 70-A, No. 3, 1988. Bonfiglio et al., "The Immune Concept: Its Relation To Bone Transplantation", Annals New York Academy AAG of Sciences, 1955. Doppelt et al., "Operational and Financial Aspects of A Hospital Bone Bank", The Journal of Bone and ()() AAH / Joint Surgery, vol. 63-A, No. 9, 1981. Dirschi et al., "Topical Antibiotic Irrigation in the Prophylaxis of Operative Wound Infections in AAI Orthopedic Surgery", Orthopedic Infection, vol. 22, No. 3, Jul. 1991. **EXAMINER** DATE CONSIDERED 6/2/0199

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Form PTO 1449 (Modified)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY POCKET NO.

APPLICANT Lloyd Wolfinbarger, Jr. SERIAL NO. 08/646,520

LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)

FILING DATE

GROUP

			May 7, 1996	To be	assigned			
EXAMINER INITIAL		OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)						
(Op	AU	Reynolds <i>et al.</i> , "Clinical Evaluation of the Merthiolate Bone Bank and Homogenous Bone Grafts", The Journal of Bone and Joint Surgery, vol. 33-A, No. 4, 1951.						
Ø	AV _	"MED CLEAN MARK II", a product brochure by Advanced International Marketing for a unit which includes a pressurized stream of water for bone debridement. (undated).						
DY	AW	U.S. Department of Health and Human Service Transplantation: Case Report and Public He 37, 1988. pp. 597-599.	ces/Public Health Service," To ealth Recommendations," Morbio	ransmission of dity and Morali	HIV Through Bone ty Weekly Report,			
00	AX	Mellonig, J. T. <i>et al.</i> , "HIV Inactivation in a Bone Allograft", J. Periodontology, Dec. 1992, vol. 63, pp. 979-983.						
	AY	Helenius et al., "Solubilization of Membro	anes by Detergents", Biochim,	Biophys. Acta	415 (1975) 29-79.			
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